

# Luke Zacher

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Full-stack developer specializing in React, JavaScript, and Python/Django development with a strong foundation in UI/UX design. Experience building responsive web applications and collaborating on technical research projects. Proficient in modern web technologies and design principles.

## EDUCATION

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**Creighton University** - Omaha, NE

August 2021 - May 2025

Bachelor of Science in Computer Science

Bachelor of Arts in Graphic Design

## WORK EXPERIENCE

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**Web Developer and Research Assistant** - Omaha, NE

September 2023 - Present

*Creighton Journalism Department*

- Developed full-stack mob simulation tool using HTML/CSS, JavaScript, Python, Flask, and Django
- Created responsive informational website for the research project
- Managed version control and coordinated with distributed team using Git
- Lead weekly development meetings and technical progress updates

**Digital Marketing and IT Support Intern** - Omaha, NE

August 2024 - Present

*Fidelity Financial Corporation*

- Developed and maintained company website using React and Tailwind CSS
- Managed Microsoft Office administration and technical support
- Manage company's digital marketing, social media, and online presence
- Create digital marketing assets and maintained brand consistency across platforms

## PROJECTS

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### Mob Simulation Web Tool

- Full-stack web application where users can interact with a chatbot connected to a mob simulation program that was built through studying various social science theories
- Simulation results include an interactive visualization and the ability to download the results
- Built using HTML/CSS, JavaScript, Python, Flask, Django, SQL, and D3.js
- Part of a research project awarded by the U.S. Air Force

## SKILLS

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### Technical Development

Languages & Frameworks: Python, Javascript, Java, HTML/CSS, SQL, React, Django, Tailwind, Express.js

Development: Full-stack web development, Git version control, database management, REST APIs

Tools: VS Code, PostgreSQL, Git, Google Workspace, Microsoft Office, Adobe Creative Suite, Figma

### Additional Skills

Design: UI/UX design, responsive web design, typography, branding, digital marketing

Professional: Agile methodology, technical documentation, virtual team collaboration, communication